REPLACEMENT CLAIMS

Please replace claim 1 with the following:

1. A substrate body-floating apparatus for blowing an air flow onto a rear surface of a disk-shaped substrate body to float and rotate the substrate body comprising:

a floating unit having a surface with a plurality of fine floating pores configured for floating the substrate body, a plurality of fine centering pores configured for centering the substrate body at a center of a substrate body-floating apparatus, a plurality of fine rotational pores configured for rotating the substrate body at a center of said apparatus, and a plurality of auxiliary fine suppression pores configured for suppressing vibration of the substrate body when the substrate body is rotated at a high speed, wherein all pore types of said fine floating pores, said fine centering pores, said fine rotational pores, and said auxiliary fine suppression pores are provided on a surface of said floating unit and are inclined against the surface of said floating unit, an air flow being injected into said all pore types in a direction of the inclination.

Please replace claim 3 with the following:

3. The substrate body-floating apparatus according to claim 1 wherein said plurality of fine floating pores configured for floating the substrate body crosses a rotation axis of the

substrate body, a surface of said floating unit being divided into four quadrants, a plurality of said fine floating pores being provided in each quadrant, each said fine floating pore within one said quadrant having a same floating pore direction, said same floating pore direction being parallel to a diagonal line of said one said quadrant, said diagonal line being oriented to a center of said floating unit.

Please replace claim 4 with the following:

4. The substrate body-floating apparatus according to claim 1 wherein said plurality of fine centering pores configured for centering are located one of at positions on an outer periphery of the substrate body and on an outer side from the outer periphery, each said fine centering pore being angularly displaced relative to each adjacent said fine centering pore, said plurality of fine centering pores each having a fine centering pore orientation associated therewith, each said fine centering pore orientation being directed toward a center of said floating unit.

Please replace claim 5 with the following:

5. The substrate body-floating apparatus according to claim 1 wherein said plurality of fine rotational pores are located at positions on a circle with a radius smaller than the radius of the substrate body and centered around a center of a surface of said floating unit, said adjacent fine rotational pores being directed away from one another in opposite tangential directions.

Please replace claim 6 with the following:

6. The substrate body-floating apparatus according to claim 1 where said plurality of auxiliary fine suppression pores each have an auxiliary fine suppression pore orientation, each said auxiliary fine suppression pore orientation being directed toward a center of said floating unit, each said fine auxiliary pore being located on a periphery of a circle extending beyond the position of said plurality of fine rotational pores, said circle being concentric with a center of said floating unit, said fine suppression pore orientations of adjacent said auxiliary fine suppression pores being angled at 90 degrees relative to one another [therebetween].

Please replace claim 7 with the following:

7. A substrate body-floating type of heater comprising:

a floating means for applying air to a rear surface of a substrate body to float, rotate and suppress vibration to the substrate body, said floating means including a plurality of floatation pores, a plurality of rotational pores, and a plurality of vibration suppression pores therein, said flotation pores, said rotational pores, and said vibration suppression pores being positioned and directed so as to promote one of floatation, rotation, and vibration suppression, respectively, via air flow control; and

an optical lamp for heating a surface of the substrate body.

Please replace claim 8 with the following:

8. A substrate body-floating type of film-forming apparatus comprising:

a floating means for applying gas to a rear surface of a substrate body to float, rotate and suppress vibration to the substrate body under atmospheric or under depressurized conditions for forming a film of deposited material on a surface of the substrate body, said floating means including a plurality of floatation pores, a plurality of rotational pores, and a plurality of vibration suppression pores therein, said floatation pores, said rotational pores, and said suppression pores each being positioned and directed so as to promote one of floatation, rotation, and vibration suppression, respectively, via air flow control.